Docket No.: 06920/0204370-US0 (PATENT)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:

Hirofumi Ito et al.

Filed: June 8, 2006

Application No.: 10/595,622

Confirmation No : 3648

CATALYST, PREPARATION PROCESS For:

THEREFOR, AND PROCESS FOR PRODUCING LOWER HYDROCARBON USING THE CATALYST

Examiner: Not Yet Assigned

Art Unit: N/A

INFORMATION DISCLOSURE STATEMENT (IDS)

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Dear Sir:

This Information Disclosure Statement is submitted in accordance with 37 C.F.R. 1.97, 1.98, and it is requested that the information set forth in this statement and in the listed documents be considered during the pendency of the above-identified application, and any other application relying on the filing date of the above-identified application or cross-referencing it as a related application.

1. This IDS should be considered, in accordance with 37 C.F.R. 1.97, as it is filed: (Check one of the boxes A-D)

Application No.: 10/595,622 Docket No.: 06920/0204370-US0

A. within three months of the filing date application or within three months of the above identified national application	entry into the national stage of the
x B. before the mailing date of a first office ac action after filing a request for continued e	
C. after (A) and (B) above, but before fi Applicants have made the necessary states necessary fee in box "ii" below.	
(check one of the boxes "i" and "ii" below:)	
i. Counsel states that, upon inform information listed herein was (check	
	ion from a foreign patent office in not more than three months prior
counterpart foreign application undersigned after making reason	n from a foreign patent office in a n and, to the knowledge of nable inquiry, was not known to 6(c) more than three months prior
ii. A check for the fee set forth in 1. 17 is enclosed.	(p), presently believed to be \$180,
D. after (A), (B) and (C) above, but before pa petitions under 37 C.F.R. 1.97(d) for the 37 CFR 1.17(p) a check in the amount of certifies that, upon information and belief herein was	consideration of this IDS. Under of \$180.00 is enclosed. Counsel
(check one of the boxes "a" and "b" below:)	

<< INSERT SERIAL NO. & FILING DATE>>

C. Certain documents were previously cited by or submitted to the Office in the following prior applications, which are relied upon under 35 U.S.C.

each of the latter documents is enclosed.

120:

Applicant identifies these documents by attaching hereto copies of the forms PTO-892, PTO-1449 and/or PTO/SB/08 from the files of the prior application(s) or a fresh PTO/SB/08 listing these documents, and request that they be considered and made of record in accordance with 1.98(d). Per 37 CFR 1.98(d). copies of these documents need not be filed in this application.

| x | 3. Cite Nos. 1 under Foreign Patent Docs. and Cite Nos. 1, 2, and 3 under Non-Patent Literature Docs. are not in the English language. In accordance with 1.98(c), Applicant states:

Application No.: 10/595,622 Docket No.: 06920/0204370-US0

x An English translation of each document (or of the pertinent portions thereof), or a copy of each corresponding English- language patent or application, or English-language abstract (or claim) is enclosed.	
The requirement for a concise explanation of the relevance of any foreign language document is satisfied by the attached search report; citation of the documents cited in the search report shall not be construed as an admission that they are or are considered to be, material to patentability of the subject matter claimed herein (See MPEP §609).	
A concise explanation of the relevance of document(s) is set forth as follows: [Insert concise explanation of	
A concise explanation of the relevance of document(s) can be found on page(s) of the specification.	
A concise explanation of document(s) can be found on the attached sheet.	
4. No explanation of relevance is necessary for documents in the English language (see reply to Comments 67 in the preamble to the final rules; 1135 OG 13 at 20).	
x 5. Other information being provided for the examiner's consideration follows:	
A Notice, dated May 29, 2007, which issued during the prosecution of on No. 2003-375666 which corresponds to the present application.	Japa

nese Application

6. In accordance with 37 C.F.R. 1.97(g) and (h), the filing of this IDS should not be construed as a representation that a search has been made or that information cited is, or is considered to be, material to patentability as defined in \$1.56 (b), or that any cited document listed or attached is (or constitutes) prior art. Unless other-wise indicated, the date of publication indicated for an item is taken from the face of the item and Applicant reserves the right to prove that the date of publication is in fact different.

Early and favorable consideration is earnestly solicited.

No fee is believed to be due for the filing of this Information Disclosure Statement. The Commissioner is authorized to charge any deficiency of up to \$300.00 or credit any excess in this fee to Deposit Account No. 04-0100.

Dated: August 10, 2007

Respectfully submitted,

Registration No.: 25,351

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PTO/SB/08a (05-07)

Approved for use through 09/30/2007. OMB 0651-0031

J.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

	Application Number	10595622
Under the Paperwork Reduction Act of 1995, no person	ons are required to respond to a collection of	information unless it contains a valid OMB control number,
	U.S. Patent an	Trademark Office; U.S. DEPARTMENT OF COMMERCE

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)

Application Number		10595622	
Filing Date		2006-06-08	
First Named Inventor	Inventor Hirofumi Ito		
Art Unit		N/A	
Examiner Name	Not Yet Assigned		
Attorney Docket Number		06920/0204370-US0	

					U.S.	PATENTS				
Examiner Initial*	Cite No	Patent Number	Kind Code ¹	Issue [Date	Name of Pat of cited Docu	entee or Applicant ument	Rele	es,Columns,Lines where vant Passages or Releves res Appear	
	1	4066714		1978-0	7-03	Rodewald				-
	2	4275047		1981-01	1-23	Whittam et al.				
If you wish to add additional U.S. Patent citation information please click the Add button.										
			U.S.P.	ATENT	APPLI	CATION PUB	LICATIONS			
Examiner Initial*	Cite No	Publication Number	Kind Code ¹	Publica Date	ation	Name of Patentee or Applicant of cited Document		Relev	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear	
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				FOREIG	GN PAT	ENT DOCUM	ENTS			
Examiner Initial*	Cite No	Foreign Document Number ³	Country Code ²		Kind Code4	Publication Date	Name of Patentee Applicant of cited Document	e or	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear	Т5
1	1	62-105917	JP			1987-05-16	Agency of Ind Scier and Technol	nce	Abstract Attached	×
2	2	2024790	GB			1980-01-16	Snam Progetti			

INFORMATION DISCLOSURE

 Application Number
 10595622

 Filing Date
 2006-06-08

 First Named Inventor
 Hirofumil Ito

 Art Unit
 N/A

 Examiner Name
 Not Yet Assigned

 Attorney Docket Number
 06920/0204370-US0

(Not for submission under 37 CFR 1.99)

If you wish to add additional Foreign Patent Document citation information please click the Add button

		NON-PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, pages(s), volume-issue number(s), publisher, city and/or country where published.	T5
	1	OKADO, et al., Effect of SIO2/A12O2 Ratio on Methanol Conversion to Light Olefins over Zeolites Containing Alkaline Earth Metals, Nippon Kagaku Kaishi, No. 5, Pages 791-796, 1987.	×
	2	OKADO, et al., Shyrithesis and Catalytic Performance of Calcium-containing zeolites for Methanol Conversion, Nippon Kagaku Kaishi, No. 6, Pages 962-968, 1987	×
	3	FUJITA, et al., Particle size control and stability of steam-resistance of ZSM-5 zeolites containing Alkaline earth metal, Preliminary Report of Meeting A of the 92nd. Catalysis Socirty of Japan (CatSJ) Meetings, Page 68, 2003	×

If you wish to add additional non-patent literature document citation information please click the Add button

EXAMINER SIGNATURE

Examiner Signature

Date Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through a citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

See Kind Codes of USPTO Patent Documents at www.USPTO.GOV or MPEP 901.04. ² Enter office that issued the document, by the two-letter code (WIPO Standard ST.3). ³ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁴ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁵ Applicant is to place a check mark here if English language translation is attached.

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Not for submission under 37 CFR 1.99)

10595622 2006-06-08

Filing Date First Named Inventor Hirofumi Ito

N/A

Examiner Name Attorney Docket Number

Application Number

Art I Init

Not Yet Assigned 06920/0204370-LISO

CERTIFICATION STATEMENT

Please see 37 CFR 1,97 and 1,98 to make the appropriate selection(s):

That each item of information contained in the information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the information disclosure statement, See 37 CFR 1.97(e)(1).

OR

That no item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing the certification after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in 37 CFR 1.56(c) more than three months prior to the filing of the information disclosure statement. See 37 CFR 1.97(e)(2).

See attached certification statement.

Fee set forth in 37 CFR 1.17 (p) has been submitted herewith.

▼ None

SIGNATURE

A signature of the applicant or representative is required in accordance with CFR 1.33, 10.18. Please see CFR 1.4(d) for the form of the signature.

Signature	/FB/ Flynn Barrison (53,970)	Date (YYYY-MM-DD)	2007-08-10
Name/Print	S. Peter Ludwig	Registration Number	25351

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1 hour to complete, including gathering, preparing and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Privacy Act Statement

The Privacy Act of 1974 (P.L. 93-579) requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is SU.S.c. 2(b)(2) (2) furnishint on solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandomment of the application or expiration of the patent.

The information provided by you in this form will be subject to the following routine uses:

- The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C. 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether the Freedom of Information Act requires disclosure of these record s.
- A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.
- A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.
- 4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 52(a/m).
- A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.
- A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).
- 7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (i.e., GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.
- 3. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to \$5 U.S.C. 125 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspections or an issued patent.
 - A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law
 enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.